



YOUR SHRUBS AND TREES

*Garden Needs*

FROM  
WOODLOT SEED COMPANY  
Norway 100, Michigan

*Sold direct to you*

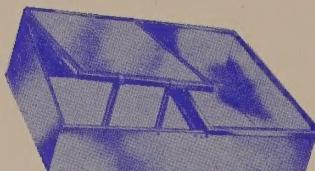
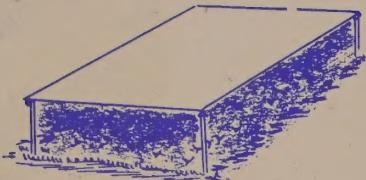
WITHOUT WHOLESALER  
OR DEALER!!!

All At The

*Lowest*  
POSSIBLE  
PRICES

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U. S. Department of Agriculture

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PERMIT NO. 24  
NORWAY, MICH.



#### SHAD-A-PLANT

Protects seeds and Seedlings

SHAD-A-PLANT is made of Lumite Saran cloth which provides about 50% shade. 4 x 6 feet, cloth supported on cedar stakes about 15 inches high. Grommets on the cloths are connected to hooks on the stakes to hold the shade above seed bed. Can be used when seeds first sown to protect them from birds and rodents. As germination starts shade is raised. At end of season Shad-a-plant rolled up for winter storage. Good for several years. Price \$3.65 Three, enough for bed 4 x 18 feet \$10.00 postpaid.



Let one pound in each hundred pounds of feed be Algit.

Algit is a fresh cut Norwegian seaweed, sun dried, cleaned, desalinated and ground. Algit contains about 60 minerals and trace minerals, and other beneficial elements, including the important B-12.

Recommended for mink, stock, chinchilla and nutria, chickens, turkeys, cats and dogs.

Records indicate a saving of about ten percent generally in feed costs, as the use of Algit Norwegian Kelp results in animals assimilating their food to better advantage.

Mink growers are feeding for about \$1.00 less per mink each season, and find the fur valued at an increase of \$3.00 or \$4.00; similar advantages are had by feeders of other stock.

#### USE IT ON YOUR LAND

Controlled university testing shows soils treated with Algit are producing greater crop yields of higher quality. Rich enough for 100 lbs. to condition an acre of land.

1 pound postpaid \$1.00  
3 pounds postpaid 1.98  
100 lb. lots f.o.b. Chicago, Ill. 10.00

#### VITAMIN B<sub>1</sub> THIAMIN HYDROCHLORIDE

A necessity for root development in plants. Activates cell growth on tip end of root, enabling plant to take in more food for nourishment of entire plant. Lessens root shock of transplanting.

2 bottles, 100 tablets each p.p. \$1.39

#### ACTIVO

ACTIVO — For making compost, soil energizer, activate for litter, etc. Number 2 poly bag, \$1.40; #7 bag, \$2.95; #20 bag, \$6.95, all postpaid.

#### ALUMINUM COLD FRAME

Will not rust . . . will not rot . . . no glass to break, and never needs paint. Grow your own flowers, shrubs, trees and vegetables from seeds—long before outdoor planting weather. Light weight lifetime all aluminum cold frame is 36" wide by 42" long. Windows are transparent plastic reinforced internally with aluminum wire so there is no glass to break. This aluminum plastic material has high insulating characteristics—keeps heat inside; keeps out cold yet transmits all benefits of sunshine. Price \$19.95 postpaid. Heating coil with thermostat \$6.45 postpaid.

#### PLASTIC COMPOST COVER

Compost covered with a plastic sheet turns into rich, black humus without watering or turning. Just make the heap in the usual way, water it well and cover it with the plastic sheet. Seal the edges with earth. Try this exciting new compost-making method now. Single sheet, .0015 black plastic, 8 ft. x 12 ft., only \$2.49, p.p. 8 x 16 \$2.97 p.p.d.



Genuine  
"NODAMPOFF"  
REG. U.S. PAT. OFF.

#### "NODAMPOFF"

Pure Horticultural milled Sphagnum moss (Pure Sphagnum, NOT Peat). Nature's finest growing medium for all types of seeds, plants and cuttings. Sphagnum moss is highly recommended as a growing medium by the U. S. Dept. of Agr. as well as many professional nurserymen. Bag of "Nodamoff" will fill from 8 to 12 pots, or several flats. Home-size package, shipped anywhere in U.S. \$1.25 postpaid. 2 Bu. sack containing about 10 of above size \$4.85 p.p.d.



#### FERTL CUBES

They are complete for seed starting and flats . . . ideal for use with seeds planted directly in the garden . . . easy to use, they produce superior plant growth, simplify the routine of successful gardening. They really do a job, packed in blocks of 20 cubes. Price \$2.00 for 2 blocks postpaid; \$4.95 for 6 blocks postpaid.



#### PEAT POTS

The quick and easy way to start your plants. You plant the pot and the plant actually "eats" the pot because it contains all of the growth elements necessary. No replanting necessary . . . place pot with plant in pre-dug hole, pull in dirt and pack around pot . . . little or no plant injury and quick reproduction. Package of 100 2 1/4" round for \$2.49 postpaid; 50 3" square \$2.49 100 3" square \$3.98 postpaid.

#### CUPROUS OXIDE

HELPS YOUNG SEEDLINGS SURVIVE.

Dying of very young seedlings has been reduced or eliminated by the use of cuprous oxide, either at the time seed is planted, by spraying germinating seeds or by mixing with seeds themselves. In the past cuprous oxide was used quite extensively for the above purposes and to prevent stem cankers and leaf diseases. It was at the time in crystal form, not easily dissolved in use as a spray, and its use was considerably lessened. Now it is offered in purified form and is soluble in water.

Mix 1 teaspoonful with a pound of small seed at time of sowing, use balance of packet later to spray seedlings if damping off starts.

1 packet .75 p.p.  
1 jumbo packet 1.25 p.p.  
1/4 lb. 2.25 p.p.  
1 lb. 4.50 p.p.



#### FERTL FOLIAR FORMULA

Stimulates BUDS AND BLOSSOMS

Gibrel in Fertl Foliar Formula is used to break bud dormancy, to stimulate the plant to develop more leaf and flower buds. Spraying foliage get faster results than feeding through roots. 3 F Formula is basically a minor elements formula for stimulating new cell production in plants and has a beneficial effect on plant growth and fruit production. 3 F Formula contains the following trace elements, iron, zinc, manganese, boron, molybdenum, copper. Cheap to use, 50 cent packet makes four quarts of spray postpaid.

#### MIRACLE GRO

Saves (TREES AND LAWNS)

Miracle Gro supplies elements needed for healthy growth. Easiest method to feed trees, requires no holes, or digging. Concentrated, one level teaspoon makes one gallon. 2 1/2 cents feeds 25 square feet of lawn at the five pound price.

1 1/2 lbs. cover 1500 sq. ft. \$2.25 p.p.  
5 lbs. covers 5000 sq. ft. \$5.00 p.p.

USE  
THIS  
HANDY  
ORDER  
BLANK

AND  
Mail  
Now!

NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
CITY \_\_\_\_\_  
Please Print Name and Address Plainly



ITEM	NO.	PRICE
1. SHAD-A-PLANT		
2. ALUM. COLD FRAME		
3. PLASTIC COMPOST COVER		
4. SPHAGNUM MOSS		
5. FERTL CUBES		
6. PEAT POTS		
7. NORWEGIAN KELP		
8. SOIL TESTER		
9. GARDEN LIFE PLANT FOOD		
10. PLASTIC MULCH		
11. VITAMIN B <sub>1</sub>		
12. ACTIVO		
13. MIRACLE GRO		
14. FERTL FOLIAR FORM.		
15. CUPROUS OXIDE		
16. MIRACID		
17. VARIETY PACK SEEDS		
18. MULTIFLORA ROSE		
19. BLOSSOM SET		
20. BERRY SET		
21. RINGWOOD REPELLENT		
22. DOGZOFF		
23. RODENT ROCKETS		
24. HOSE HANGER		
25. D-ELECTO SPRINKLER		



#### MIRACID

Stops your precious EVERGREENS from turning yellow and dying.

Keeps all ACID LOVING PLANTS a healthy green. Prevent chlorosis, or lack of iron, and correct lack of acidity by using Miracid.

The following thrive on Miracid.

Arbor, vitae, Azalea, Blueberries, Camellia, Dogwood, Fir, Gardenia, Hawthorn, Juniper, Hemlock, Holly, Hydrangea, Mtn Ash, Mtn Laurel, Oak trees, Pine, Rhododendron, Spruce, Yews, or all acid loving plants, shrubs and trees.

8 oz. can \$1.00 postpaid  
1 1/2 lb. can 2.25 postpaid  
Complete with instructions.



# IN ADDITION . . .

WOODLOT SEED COMPANY

OFFERS THESE

SEEDS . . .

## FOR HEDGES (EVERGREENS)

9 Varieties

## FOR HEDGES (DECIDUOUS)

9 Varieties

## GROUND COVER (EVERGREENS)

7 Varieties

## GROUND COVER (DECIDUOUS)

2 Varieties

## VINES

6 Varieties

## EVERGREEN TREES

22 Varieties

## DECIDUOUS TREES

15 Varieties

## MISCELLANEOUS (TREES AND SHRUBS)—42 Varieties

Write for complete price list and order blanks.



## RODENT ROCKETS

Just light the fuse, insert in mole gopher or other rodent burrow and let the gas kill them. Perfectly safe for humans, not explosive. Price 4 for \$1.00 postpaid.



## DOGZOFF

DOGZOFF repellent. Keeps dogs and other animals away from trees and garden. 3 ounce bottle. .75 postpaid.

# RUGOSA ROSES

## D-FLECTO SPRINKLER

The only sprinkler that gives you complete direction control. Don't waste water when you sprinkle. The D-FLECTO water sprinkler and soaker waters a 30 foot circle—or any part of the circle. You can even direct it into a corner, or anywhere you want it. All parts rust proofed.

Each

\$4.95 p.p.

## Rich in Vitamin C



Now you can grow in your own backyard an ever-blooming "living" fence . . . enjoy beautiful roses in season . . . big crops of heavy plump rose hips after blooming . . . hardy anywhere. Packet 600 seeds \$1.00 postpaid. Order now.

## VARIETY PACK

A bargain in tree seeds.

1000 Blue spruce	\$1.00
1000 Alberta spruce	1.00
1000 Mugho pine	1.00
1000 Scotch pine	1.00
1000 Arbor vitae	1.00
1000 Douglas fir	1.00

or ALL SIX for \$5.00 postpaid. Includes our planting guide.

## MULTIFLORA ROSE BEAUTIFUL LIVING FENCE

So dense no person or animal can get through it. Costs much less than a wire fence. Once established will last a lifetime. Grows to about 6 feet high and wide. May be trimmed but not necessary for fence. Has lovely flowers. Grows in most any soil, is hardy. Grown from seed can have a fence in four or five years; but blooms in two or three. We have a limited quantity of seed grown by ourselves from seed in zone 2 and acclimated to a cold climate.

Packet 600 seeds 1.00 p.p.

## Berry set

### BERRY SET FOR MORE AND BIGGER BERRIES

Extends fruiting season.

Experiment stations have proven that Berry set increases both size and yield of strawberries, as much as 50%, blackberries still more.

3 oz. packet (makes 12 gallons) treats hundred of plants \$1.00 p.p.

### RINGWOOD REPELLENT

Stops rabbits from damaging shrubs and trees all winter with only one application. Brush or spray on. No mixing . . . doesn't freeze, harden or cake. Adheres to bark permanently leaving varnish-like protective coating. Priced Aerosol 5 oz. can, \$1.25 Aerosol 12 oz. can, \$2.50; pint, \$2.95. All postpaid.



**WOODLOT SEED CO.**  
NORWAY 100 • MICHIGAN

## WOODLOT SEED CO.

NORWAY, MICHIGAN

[1960]

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★ FEB 15 1960 ★

U. S. Department of Agriculture

Gentlemen: Enclosed \$ \_\_\_\_\_ for which please send me items checked below. Hobby packet, about 100 seeds, 25c; Standard, about 500 seeds, 75c; Jumbo, about 2000 seeds, \$1.75; Giant, about 5000 seeds, \$3.50; Twin Giant, about 10,000 seeds, \$6.00. All Postpaid.

	H	S	J	G	TG
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## EVERGREEN TREES

Arizona Cypress ( <i>Cupressus ariz.</i> )					
Italian Cypress ( <i>C. sempervirens</i> )					
Monterey Cypress ( <i>C. macrocarpa</i> )					
Hinoka Cypress ( <i>Chamaecyparis obtusa</i> )					
Atlas Cedar ( <i>Cedrus atlantica</i> )					
Japanese Red Pine ( <i>Pinus densiflora</i> )					
Japanese Bl Pine ( <i>Pinus thunbergi</i> )					
Camphor Tree ( <i>Cinnamomum camphora</i> )					
Redwood ( <i>Sequoia sempervirens</i> )					
Japanese Cedar ( <i>Cryptomeria</i> )					
Japanese Hemlock ( <i>Tsuga diversifolia</i> )					
Blue Gum ( <i>Eucalyptus globulus</i> )					
Oriental Arbor Vitae ( <i>Thuja orientalis</i> )					
Rosebay ( <i>Rhododendron maximum</i> )					
Yew Podocarpus ( <i>Podocarpus macrophyllus</i> )					
False Arbor Vitae ( <i>Thujopsis hiba</i> )					

## EVERGREEN SHRUBS

Mugho (Swiss Mtn. Pine) ( <i>Pinus mugo</i> )					
California Mock Orange ( <i>Carpenteria</i> )					
Carolina Rhododendron ( <i>R. carolinianum</i> )					
Smirnow Rhododendron ( <i>Rhododendron smirnowii</i> or <i>R. etc.</i> )					
Lily of the Valley (Mtn. andromeda) ( <i>Pieris floribunda</i> )					
Drooping Leucothoe ( <i>Leucothoe catesbeiae</i> )					
Gowan Cypress ( <i>Cupressus goveniana</i> )					

## DECIDUOUS TREES

Tree of Heaven ( <i>Alianthus altissima</i> )					
Royal Paulownia ( <i>Paulownia tomentosa</i> )					
London Plane Tree ( <i>Platanus occidentalis</i> )					
Catalpa ( <i>Catalpa speciosa</i> )					
Acacia ( <i>Acacia baileyana</i> )					
Sweet Gum ( <i>Liquidambar styraciflua</i> )					
Pepper Tree ( <i>Schinus molle</i> )					
Katsura Tree ( <i>Cercidiphyllum japonica</i> )					
Sorrel-Sourwood Tree ( <i>Oxydendrum arboreum</i> )					
Acacia Green Wattle ( <i>Acacia decurrens</i> )					
Bird of Paradise ( <i>Poinciana gilliesii</i> )					

## DECIDUOUS SHRUBS

Golden Chain, Bean Tree ( <i>Laburnum vulgaris</i> )					
Scotch Broom ( <i>Cytisus scoparius</i> )					
Tamarisk ( <i>Tamarix gallica</i> )					
Japanese Azalea ( <i>A. japonica</i> )					
Crape Myrtle ( <i>Lagerstroemia indica</i> )					
Kerria japonica ( <i>Kerria</i> )					

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_

PLEASE PRINT NAME AND ADDRESS PLAINLY

## WOODLOT SEED CO.

NORWAY, MICHIGAN

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	H	S	J	G	TG
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## EVERGREEN TREES

- \*American Holly (*Ilex opaca*)
- White Pine (*Pinus strobus*)
- Austrian Pine, (*Pinus nigra*)
- Red or Norway Pine (*Pinus resinosa*)
- West Yellow Pine (*Pinus ponderosa*)
- Scotch Pine (*Pinus sylvestris*)
- Douglas Fir (*Pseudotsuga taxifolia*)
- Concolor Fir (*Abies concolor*)
- Balsam Fir (*Abies balsamea*)
- Colorado Blue Spruce  
(*Picea pungens glauca*)
- Black Hills Spruce (*Picea densata albertina*)
- Engleman Spruce (*Picea engelmanni*)
- White Spruce (*Picea canadensis*)
- Canadian Hemlock (*Tsuga canadensis*)
- Japanese Hemlock (*Tsuga japonica*)
- American Arbor Vitae (*Thuja occidentalis*)
- Chinese Juniper (*Juniperus chinensis*)
- \*Horizontal Juniper (*Juniperus horizontalis*)
- Rocky Mountain Juniper  
(*juniperus scopulorum*)
- Platte River Juniper  
(*Juniperus Virginia Platte*)
- \*Eastern Red Cedar (*Juniperus virginiana*)
- Sitka Spruce (*Picea Stichensis*)
- Norway Spruce (*Picea abies*)

## DECIDUOUS TREES

- Paper Birch (*Betula papyrifera*)
- Yellow Birch (*Betula lutea*)
- Chinese Elm (*Ulmus pumila*)
- Black Locust (*Robinia pseudoacacia*)
- Honey Locust (*Gleditsia triacanthos*)
- Smoke Tree (*Cotinus coggyria*)
- Red Maple (*Acer Rubrum*) (Spring delivery)
- Golden Rain Tree (*Koelreuteria paniculata*)
- European Larch (*Larix decidua*)
- American Elm (*Ulmus Americana*)

## EVERGREEN SHRUBS

- Drooping Leucothoe (*Leucothoe catesbaei*)
- Japanese Floribunda (*Pieris japonica*)
- \*Memorial Rose (*Rosa wichuraiana*)
- \*Laurustinus (*Viburnum tinus*)
- Lily of the Valley Shrub (*Pieris floribunda*)
- Swiss Mountain Pine  
Mugho Pine (*Pinus mugo*)
- \*Japanese Yew (*Taxus cuspidata*)
- Sargent Juniper (*Juniperus sargentii*)
- Mountain Laurel (*Kalmia latifolia*)

## DECIDUOUS SHRUBS

- \*Multiflora Rose (*Rosa multiflora*)
- Caragana (*Caragana arborescens*)
- Beauty Bush
- Flame Azalea (*Azalea calendulacea*)
- Royal Azalea (*Azalea schlippenbachii*)
- Azalea Mollis (Chinese azalea)
- Pinxter Bloom (*Azalea A Nudiflora*)
- Rose of Sharon  
Shrub Althea (*Hibiscus syriacus*)
- \*Arrow Wood (*Viburnum dentatum*)
- \*Witch Hazel (*Hamamelis virginiana*)
- Coral Berry Indian Current  
(*symphoricarpos orbiculatus*)
- \*Snowberry (*Symphoricarpos albus*)
- Japanese Tree Lilac (*Syringa amurensis*)

\* Require stratification or fall planting, or can be grown in the spring, given a light mulch and left until germination starts.

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_

# WOODLOT SEED CO.

NORWAY, MICHIGAN

Gentlemen: Enclosed find \$ ..... for which send me the following: Hobby packet, 25c, Standard, about 5 hobbys, 75c, Jumbo, four Standards, \$1.75, Giant, two or three Jumbos, \$3.50 and Twin Giant, two Giants, \$6.00. These do not start with 100 seeds for the hobby; but the number of seeds corresponds to the value.

## DECIDUOUS

		H	S	J	G	TG
European Hg. Cranberry	<i>Viburnum opulus</i>					
Lonicera Morrow	<i>Lonicera morrowii</i>					
Akebia, Twining Vine	<i>Akebia</i>					
Button Bush	<i>Cephalanthus</i>					
Japanese Apricot	<i>Prunus mume</i>					
False Indigo	<i>Amorpha</i>					
Osage Orange	<i>Maclura coronarius</i>					
Red Bud	<i>Cercis canadensis</i>					
Spice Bush	<i>Benzoin aestivale</i>					
Fragrant Viburnum	<i>Viburnum carlesii</i>					
Chinese Parasol Tree	<i>Firmia simplex</i>					
Flowering Ash	<i>Fraxinus ornus</i>					
Black Cherry	<i>Prunus serotina</i>					
Mazzard Cherry	<i>Prunus avium</i>					
Buffalo Berry	<i>Shepherdia argentea</i>					
Carob	<i>Ceratonia siliqua</i>					
Bittersweet	<i>Solanum dulcinea</i>					
Japanese Holly	<i>Hex crenata</i>					
Laburnum	<i>Golden chain laburnum</i>					
Japanese Magnolia	<i>Magnolia obovata</i>					
Silk Tree	<i>Albizia julibrissin</i>					
Japanese Skimmia	<i>Skimmia japonica</i>					
Sweet Bay	<i>Laurus magnolia virginia</i>					
Sweet Shrub	<i>Calycanthys floridus</i>					
Snowball	<i>Viburnum tomentosum</i>					
Three leafed Orange	<i>Pocicrurum trifoliata</i>					
Japanese Red Maple	<i>Acer poly'um dissecum</i>					

## — Special —

*Rosa Rugosa* — for hedge, ornament, and production of Vitamin C — Packet of 500 seeds, \$1.00

## EVERGREENS

Alpine Fir	<i>Abies lasiocarpa</i>	L	I	B	R	A	P	Y
Frazier Fir	<i>Abies fraseri</i>	R	E	C	E	I	V	E
Bearberry	<i>Arctostaphylos</i>							
Camellia	<i>Camellia japonica</i> *							
Chinese Evergreen	<i>Photinia serrulata</i>							
Sugar Pine	<i>Pinus lambertiana</i>							
Chinese Elm (semi-evg.)	<i>Ulmus parvifolia</i>							
Skimmia	<i>Skimmia japonica</i>							

Name .....

Address .....

(over)

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Standard 500, \$.75, Jumbo, 2000, \$1.75, Giants. 5000, \$3.50, and Twin  
Giant, 10,000, \$6.00, approximate, post paid.

### DECIDUOUS

		H	S	J	G	TG
Pinkshell Azalea	<i>Rhododendron vaseyi</i>					
Deutzia	<i>Deutzia gracilis</i>					
European Larch	<i>Larix decidua</i>					
Mock Orange	<i>Philadelphus coronarius</i>					
Japanese Larch	<i>Larix leptolis</i>					
Pomegranate	<i>Punica granatum</i>					
Prairie Rose	<i>Rosa setigera</i>					
Flowering Quince	<i>Chaenomelis lagenaria</i>					
Trumpet Vine	<i>Campsis radicans</i>					
Clematis	<i>Clematis</i>					
Feb Daphne	<i>Daphne mezereum</i>					
Empress Tree	<i>Royal tomentosa</i>					
English Ivy	<i>Hedera helix</i>					

### EVERGREENS

Tiger Tail Spruce	<i>Picea polita</i>
Jap Andromeda	<i>Pieris japonica</i>
Silver Spruce	<i>Picea sitchensis</i>
Oriental Spruce	<i>Picea orientalis</i>
Kurume Azalea	<i>Rhododendron obtusum</i>
Catawbiense	<i>Rhododendron catawbiense</i>
Boxwood	<i>Buxus sempervirens</i>
Jap Boxwood	<i>Buxus japonica</i>
Strawberry Tree	<i>Arbutus unedo</i>
Wintercreeper	<i>Euonymus fort radicans</i>
Red Cedar	<i>Juniperus virginiana</i>

### SELECTED RHODODENDRONS

Packets of these \$.75 postpaid.

Azalea kaempferia	Fl Red to Pink
Azalea mollis	Golden Yellow, Deciduous
Azalea poukhanense	Rose Lilac, Spotted Purple
Kalmia latifolia	Rose marked with Purple
Rhododendron carol.	Rose Purple to White
Rhododendron max.	Spotted Rose Green
Rhododenron pontium	Purple spot with Brown
Rhod'dron catawbiense	Lilac Purple

### RHODODENDRON CATAWBIENSE HYBRIDS

Album novum	White
Catawbiense album	White
Charles Bagley	Red
Charles Dickens	Red
English roseum	Dark Rose Pink
Everestienum	Lavender
Mrs. C. Sargent	Pink
Purpureum elegans	Purple

Name .....

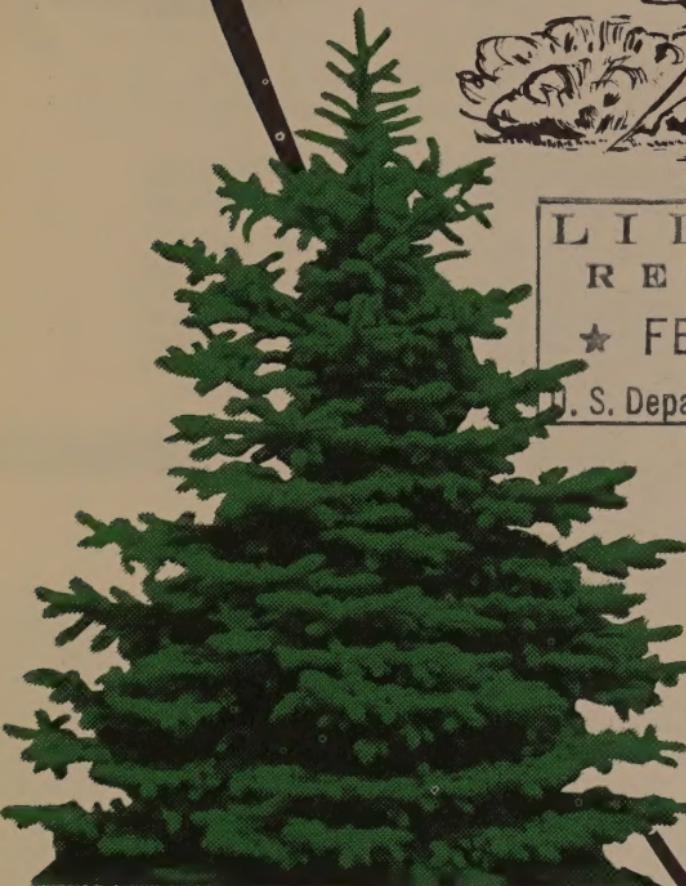
Address .....

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# How to Grow YOUR OWN SHRUBS & TREES from Seed



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U. S. Department of Agriculture



**COLORADO BLUE SPRUCE**  
One of the most popular  
trees. Grown from seed  
some are a greenish color  
with a blue tinge. Some  
are bright blue.

**YOUR  
PLANTING  
GUIDE**

Since  
1936

**WOODLOT SEED CO.**

NORWAY • MICHIGAN

# CAREFUL ATTENTION to planting aids Germination

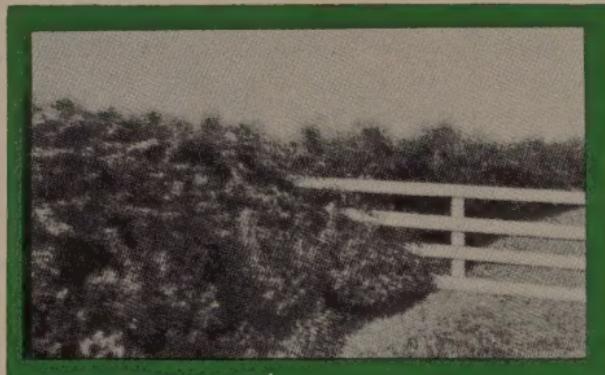
## SNOW FENCE

In many parts of the country live snow fences are being planted along paths and roads to prevent drifting of snow. And you can grow your own from seed. Use fast growing Chinese Elm, Norway Spruce, and some of the pines, firs and other spruce.

Government statistics tell us that a windbreak protecting buildings can reduce fuel bills from twenty-five to forty percent. In these days of rising fuel costs this is an item that might well be considered. Use the same kinds as for snow fence.

## MULTIFLORA ROSE

useful  
and  
ornamental



The living fence can be started from seed the first season if the seed is properly conditioned. When grown multiflora rose makes an attractive fence, and when once established, is a permanent living fence that will keep out stock, cattle, horses, hogs or other animals, if the thorny variety is planted. Ornamental with its white roses in summer, red berries in fall or winter it is popular in parts of the country where the climate is not too severe.

Multiflora Rose seed may be sown in the fall just before cold weather without special treatment; but should be covered with burlap (old gunnysacks will do). This should be removed in the spring as germination starts. It may also be sown in the spring, early, and without special treatment, using burlap to cover as above. For late spring or early summer this seed should be mixed with sand or dirt and water and frozen in a refrigerator or food locker for twenty four hours, thaw for a like period, and repeat twice, then sow. This is fast stratification.

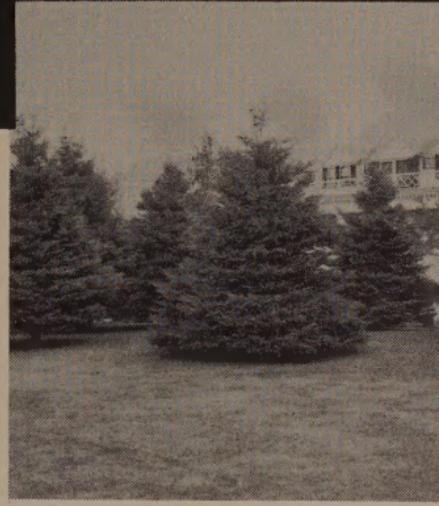
**WOODLOT SEED CO.**  
NORWAY • MICHIGAN

# OTHERS SUCCESSFULLY GROW TREES & SHRUBS FROM Seed . . .

## So Can You!

*for*

**SHADE, WIND-  
BREAK, ORNA-  
MENTAL SNOW  
FENCE, ETC.**



**NORWAY SPRUCE**

A symmetrical evergreen.  
Hardy, much used for  
Christmas trees.

**S**

## STRATIFICATION

Rather than plant slow germinating seed in the spring and waiting a year for germination, some feel that there is less risk in stratifying. For rapid stratification mix seeds with sufficient water to keep them together and place in a receptacle in the freezer compartment of your refrigerator. Freeze for a day, remove and permit seeds to thaw. Replace in the refrigerator and repeat freezing for a day. Do this three or four times. This freezing process should break the hard shell of the seed, or at least cause it to crack open. Then dry the seeds just enough so that they handle easily, and sow. You should time the sowing so that the seed bed is ready when the seed is prepared. In our price list seeds marked with an asterisk require some form of stratification. This can be done by mixing the seed with sand, soil or peat and placed in a box, or container which provides sufficient drainage. Screen to prevent damage by rodents or birds. Leave the box outside over winter. Preferably on the shady side of the building or bury it in the open ground to a depth of about 6". Then do not disturb until the following spring. Separate the seed from the soil and sow before germination starts.

**B**

## ASIC INFORMATION

The basic information for sowing is from the U. S. Lake State Forestry Experiment Station, St. Paul, Minnesota and the Minnesota Forestry and Horticulture Department. This has been supplemented by our 20 years in research and experimentation. In this folder is highlighted the results of that work, and some of the suggestions that we know will be helpful to you in deciding the kind of shrubs or trees you want to plant. Some of the planting instructions are from Woody Plant Manual, U. S. Forest Service, Department of Agriculture. Growing of trees and shrubs are described in U. S. Department of Agriculture Farmers bulletin No. 1567, which may be had from the Superintendent of Documents in Washington 6, D. C. for the current price of such literature.

**WOODLOT SEED CO.**  
NORWAY • MICHIGAN

*Since 1936*

## CAREFUL ATTENTION TO PLANTING AIDS GERMINATION

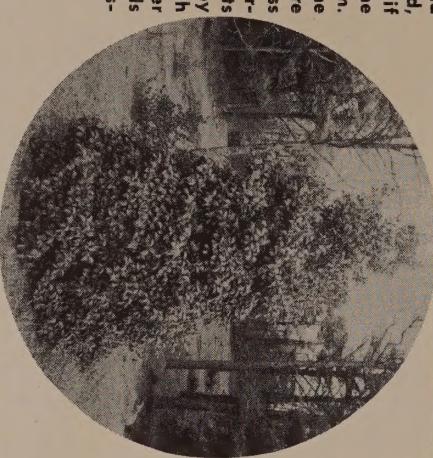
Select trees and shrubs that are best suited to your soil and climate. Ask your County Agent, Agricultural Advisor, Soil Conservationist or Forestry Department for the best selections for your area. Illustrated in this planting guide are a number of trees and shrubs, selected at random from a long list that are described in illustrated literature—copies of which you may secure from us upon request.

# General Planting Instructions for Trees and Shrub Seeds



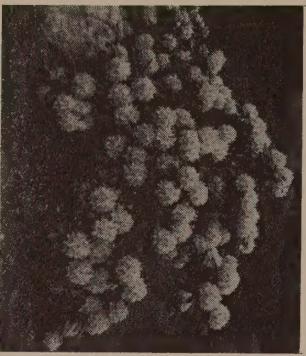
### AUSTRIAN PINE

This is a fast growing tree, has very stiff needles, and glossy dark green foliage. A good screen or windbreak tree. Hardy, except in very cold sections. Evergreen.



### AZALEA-RHODODENDRON

Seeds are germinated in flats allowing drainage or in pans of acid sandy peat or sand mixed with pulverized, decayed oak litter. You may use your cellar if not too warm. Sow in April on the surface of the soil and cover lightly with pulverized sphagnum. Maintain temperature 45 - 50 degrees. (Some growers recommend 60 - 65). Maintain moisture at all times. Cover flats with panes of glass during germination and water from below. Germination requires from 2 to 4 weeks. Tiny plants should be transplanted to flats as soon as they are large enough to handle and carried through the first year in outdoor pits or cold frames under partial shade. Next spring move to nursery beds to grow one or more years before final transplanting.

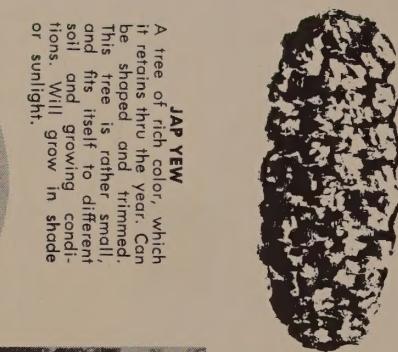


### AMERICAN HOLLY

Chinese, American and English Holly like a mixture of sand, peat and rich soil. They may be sown in the spring but may not germinate then. In this case they should be left until the following year without being disturbed. Some prefer to stratify.

Inkberry, an evergreen holly with black berries, Black Alder or Winter-berry, a deciduous shrub with red berries much used in Christmas decorations, and Japanese holly, a lustrous evergreen of beauty can all be raised from seed quite easily.

They do not ordinarily take long to germinate.



### WOODLOT SEED CO. • NORWAY • MICHIGAN

**SOME SEEDS MAY BE BROADCAST**  
Conifer seeds are often broadcast, though sometime sown in rows four or five inches apart. Seed of deciduous trees and shrubs (the kinds which lose their leaves over winter) are usually sown in rows ten or twelve inches apart.

**PREPARING THE SEED BED**  
The seed bed should be prepared as for onions on soil which has been in crop the preceding year, working to a depth of about a foot. Remove all sticks, stones, etc. If the soil is heavy use peat or sand with it. Cover the seed beds with burlap, and keep the soil moist, not wet until germination starts. Then remove the burlap. If sowing is late provide a mulch to protect the seedlings. Provide partial shade. This may be brush, or a frame with lath spaced about two inches apart. During hot muggy weather seedlings sometimes wilt and die. Shade should be removed at such times, and if water is standing over the roots of the seedlings, sand or dirt may be sprinkled over them to remove the excess moisture. If any seedlings do die remove and destroy them at once. Some sprinkle Semesan over the seedlings at such times. Remove shade in early fall to harden the seedlings. Keep the mulch until spring. Then remove early.

### WATER SEED AFTER SOWING

After sowing seed water thoroughly at once, and, with small seed, cover to a depth of a quarter of an inch or a little more, with soil that has been sterilized or with soil dug from near the seed bed and about two feet below the surface. Press down firmly. Cover large seeds to about three times their diameter. Some experts advise dusting the seed with Semesan or some other mercuric compound at time of sowing. Some use clean sand and other a mixture of sand or peat.

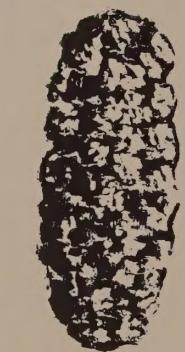
**OTHER DETAILS TO HELP YOU**  
Honey Locust, Black Locust and Red Bud. Pour hot water just under the boiling point over these seeds and let cool. Remove seeds that swell and sow. Repeat for others.

European Larch. Soak in water for one day, then sow. Douglas Fir. Soak in water for 7 days. Sow. Birch, Hemlock and Arbor Vitae. Sow in partially rotted sawdust or rotted wood or decomposed leaves. Cover very lightly and be sure to provide partial shade.

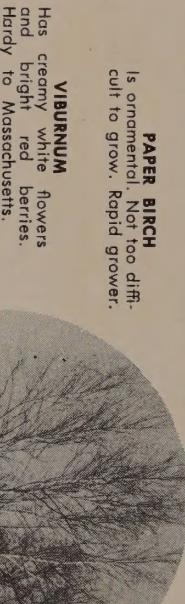
Paper Birch does well when provided with a cover of slightly rotted hardwood sawdust, and kept partially shaded. The same method is good for hemlock. Using sawdust usually prevents the formation of a crust, and small seedlings have trouble breaking through a crust.

Hardwood seedlings are generally transferred when one year old to their permanent locations. The pines, spruce and firs are often transplanted once or twice to build up a strong root system. Sprouting of almost any hardcoated seed is sometimes hastened by soaking the seed for several days in cold water.

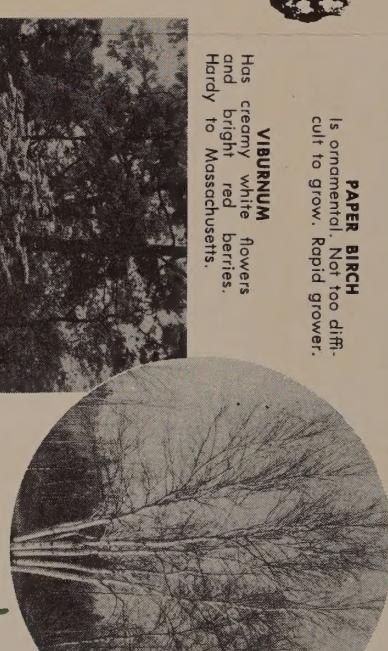
### JAPANESE VIBURNUM



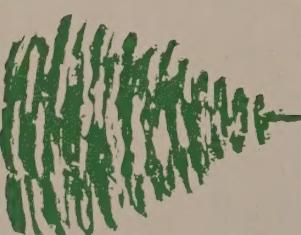
**PAPER BIRCH**  
Is ornamental. Not too difficult to grow. Rapid grower.



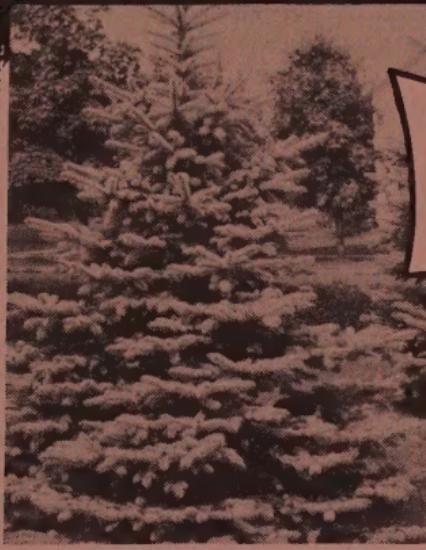
**VIBURNUM**  
Has creamy white flowers and bright red berries. Hardy to Massachusetts.



**WOODLOT SEED CO. NORWAY • MICHIGAN**



# It's Tops!



## COLORADO BLUE SPRUCE

One of the most popular trees. Hardy, it germinates readily . . . grows rapidly. A greenish color with a blue tinge.

About one in ten develops a silvery color.

A few more trees that may interest you are listed in the order blank below. To use this order blank just tear off and mail. Postpaid.

RECEIVED

★ FEB 15 1960

Date

U. S. Department of Agriculture

## WOODLOT SEED CO.

Norway, Michigan

Gentlemen: Enclosed find \$\_\_\_\_\_ for which please send me items checked below.

Cuprous Oxide	2 oz.	\$ 1.25
No Damp Off Sphagnum Moss	Pkt.	1.25
Commercial (2 bushels approx.)		4.85
White Pine		6.50
Sunox	Per lb.	9.75
Colorado Blue Spruce	Per lb.	14.00
Austrian Pine	Per lb.	4.75
Balsam Fir	Per lb.	7.50
Douglas Fir	Per lb.	12.50
White Spruce	Per lb.	14.00
Scotch Pine	Per lb.	9.00
Norway Spruce	Per lb.	6.50
Concolor Fir	Per lb.	4.75
Norway Pine (Red Pine)	Per lb.	12.00
Arizona Cypress	Per lb.	6.75
Albertina Spruce	Per lb.	14.00
Engleman Spruce	Per lb.	12.00

### SPECIALS

GOLDEN LARCH	(100 seeds)	\$ .75
GINKGO	20 nuts	1.00
SAUCER MAGNOLIA	(50 seeds)	1.00
PRIMROSE	Packet	1.00

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_

PLEASE PRINT NAME AND ADDRESS PLAINLY

# WOODLOT SEED CO.

NORWAY, MICHIGAN

Gentlemen: Enclosed find \$\_\_\_\_\_ for which please send me items checked below. Hobby Packets, 25c; Standard, 75c; Jumbo, \$1.75; Giant, \$3.50; and Twin Giant, \$6.00. Number of seeds varies but increase with the larger packets. All postpaid.

	H	S	J	G	TG
<b>EVERGREEN TREES</b>					
Deodar Cedar ( <i>Cedrus deodora</i> )					
Mount Atlas Cedar ( <i>Cedrus atlantica</i> )					
Cedar of Lebanon ( <i>Cedrus libani</i> )					
Momi Fir ( <i>Abies firma</i> )					
Silver Fir ( <i>Abies alba</i> )					
Noble Fir ( <i>Abies nobilis</i> )					
Red Fir ( <i>Abies magnifica</i> )					
Nikko Fir ( <i>Abies homolepis</i> )					
Spanish Fir ( <i>Abies pinsapo</i> )					
Veitch Fir ( <i>Abies veitchii</i> )					
Greek Fir ( <i>Abies cephalonica</i> )					
Aleppo Pin ( <i>Pinus halepensis</i> )					
Canary Pine ( <i>Pinus canariensis</i> )					
Himalayan Pine ( <i>Pinus griffithii</i> )					
Korean Pine ( <i>Pinus koraiensis</i> )					
Japanese White Pine ( <i>Pinus parvifolia</i> )					
Japanese Red Pine ( <i>Pinus densiflora</i> )					
Japanese Black Pine ( <i>Pinus thunbergii</i> )					
Umbrella Pine ( <i>Pinus sciadopitys</i> )					
*English Yew ( <i>Taxus baccata</i> )					
Magnolia ( <i>Magnolia grandiflora</i> )					
English Holly ( <i>Ilex Aquifolium</i> )					
<b>DECIDUOUS TREES</b>					
*European Mountain Ash ( <i>Sorbus aucuparia</i> )					
*American Mountain Ash ( <i>Sorbus americana</i> )					
*Green Ash ( <i>Fraxinus pennsylvanica</i> )					
White Ash ( <i>Fraxinus american</i> )					
*Japanese Pagoda Tree ( <i>Sophora japonica</i> )					
*Tulip Tree ( <i>Liriodendron tulipifera</i> )					
*Norway Maple ( <i>Acer platanoides</i> )					
*Japanese Bloodleaf Red Maple ( <i>Acer palmatum atropurpureum</i> )					
*Sugar Maple ( <i>Acer saccharum</i> )					
*Flowering Dogwood ( <i>Cornus florida</i> )					
*Hackberry ( <i>Celtis occidentalis</i> )					
*N. Bayberry ( <i>Myrica pensylvanica</i> )					
Fringe Tree ( <i>Mimosa Alibertia julibrissin</i> )					
Lilac Chaste Tree ( <i>Vitex agnus castus</i> )					
Wisteria ( <i>Wisteria sinensis</i> )					
<b>EVERGREEN SHRUBS</b>					
Glossy Privet ( <i>Ligustrum lucidum</i> )					
*Long Leaf Holly ( <i>Ilex pedunculosa</i> )					
*Winterberry ( <i>Ilex verticillata</i> )					
*Laurestinus ( <i>Viburnum tinus</i> )					
<b>DECIDUOUS SHRUBS</b>					
*High Bush Cranberry ( <i>Viburnum opulus</i> )					
*Flowering Almond ( <i>Prunus amygdalus</i> )					
*Black Haw ( <i>Viburnum prunifolium</i> )					
*Siebold Viburnum ( <i>Viburnum sieboldii</i> )					
*Russian Olive ( <i>Eleagnus angustifolia</i> )					
Scarlet Firethorn ( <i>Pyracantha coccinea</i> )					
Kerria ( <i>Japanese kerria</i> )					

\* Those marked with \* can be fall sown, stratified, or sown in the spring, given a light mulch and left until they germinate. Then remove mulch.

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_